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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	008312-0306244	O
First Inventor	YUTAKA OKAMOTO	PR
Title	See attached addendum	DS
Express Mail Label No.	7	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: **Mail Stop Patent Application**
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

<input checked="" type="checkbox"/>	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)
<input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27.
<input checked="" type="checkbox"/>	Specification [Total Pages <u>57</u>] (preferred arrangement set forth below) <ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure
<input checked="" type="checkbox"/>	Drawing(s) (35 U.S.C. 113) [Total Sheets <u>9</u>]
5. Oath or Declaration	[Total Sheets <u>2</u>]
a. <input checked="" type="checkbox"/>	Newly executed (original or copy)
b. <input type="checkbox"/>	Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)
i. <input type="checkbox"/>	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
<input checked="" type="checkbox"/>	Application Data Sheet. See 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)

8. Nucleotide and/or Amino Acid Sequence Submission
(*if applicable, all necessary*)

- Computer Reader Form (CRF)
- Specification Sequence Listing on:
 - CD-ROM or CD-R (2 copies); or
 - Paper
- Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of
(when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Copies of IDS
Statement (IDS)/PTO-1499 Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. Other:

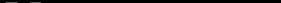
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information: *Examiner* _____ *Art Unit:* _____
For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number:	00909	<input type="checkbox"/> OR <input type="checkbox"/> Correspondence address below
Name		
Address		
City	State	Zip Code
Country	Telephone	Fax

Name (Print/Type)	Glenn J. Perry	Registration No. (Attorney/Agent)	28458
Signature		Date	10/06/03

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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100603
U.S.P.T.O.

PTO/SB/17 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL

for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 810.00)

Complete if Known

Application Number	
Filing Date	October 6, 2003
First Named Inventor	YUTAKA OKAMOTO
Examiner Name	UNKNOWN
Art Unit	
Attorney Docket No.	008312-0306244

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:Deposit Account Number
Deposit Account Name033975
PILLSBURY WINTHROP LLP

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	
1001	750	2001 375	Utility filing fee	770.00
1002	330	2002 165	Design filing fee	
1003	520	2003 260	Plant filing fee	
1004	750	2004 375	Reissue filing fee	
1005	160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$ 770.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	15	-20** =	0	X	Fee from below	Fee Paid
Independent Claims	3	- 3** =	0	X		0
Multiple Dependent						

Large Entity	Small Entity	Fee Description	
Fee Code (\$)	Fee Code (\$)		
1202	18	2202 9	Claims in excess of 20
1201	84	2201 42	Independent claims in excess of 3
1203	280	2203 140	Multiple dependent claim, if not paid
1204	84	2204 42	** Reissue independent claims over original patent
1205	18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051 65	Surcharge - late filing fee or oath
1052	50	2052 25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053 130	Non-English specification
1812	2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination
1804	920*	1804 920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805 1,840*	Requesting publication of SIR after Examiner action
1251	110	2251 55	Extension for reply within first month
1252	410	2252 205	Extension for reply within second month
1253	930	2253 465	Extension for reply within third month
1254	1,450	2254 725	Extension for reply within fourth month
1255	1,970	2255 985	Extension for reply within fifth month
1401	320	2401 160	Notice of Appeal
1402	320	2402 160	Filing brief in support of an appeal
1403	280	2403 140	Request for oral hearing
1451	1,510	1451 1,510	Petition to institute a public use proceeding
1452	110	2452 55	Petition to revive - unavoidable
1453	1,300	2453 650	Petition to revive - unintentional
1501	1,300	2501 650	Utility issue fee (or reissue)
1502	470	2502 235	Design issue fee
1503	630	2503 315	Plant issue fee
1460	130	1460 130	Petitions to the Commissioner
1807	50	1807 50	Processing fee under 37 CFR 1.17(q)
1806	180	1806 180	Submission of Information Disclosure Stmt
8021	40	8021 40	Recording each patent assignment per property (times number of properties)
1809	750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))
1810	750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))
1801	750	2801 375	Request for Continued Examination (RCE)
1802	900	1802 900	Request for expedited examination of a design application

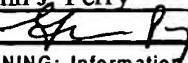
Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

40.00

(Complete if applicable)

Name (Print/Type)	Glenn J. Perry	Registration No. (Attorney/Agent)	28458	Telephone	(703) 905-2161
Signature				Date	October 6, 2003

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Addendum

Invention Title

SIGNAL PROCESSING DEVICE UTILIZING PARTIAL RESPONSE MAXIMUM LIKELIHOOD DETECTION